

Recovery Plan Action Status

Plan Name: Virginia Spiraea

Plan Status: Final

Plan Date: 13-Nov-92

Lead Agency: USFWS

Lead Office: Virginia Ecological Services Field Office

(804)

693-6694)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Virginia spiraea (Spiraea virginiana)	1	1	Identify and monitor threats to each existing population	Ongoing Current	Prior to FY 1995		Other Federal Agencies, USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W. Virginia - the Natural Heritage Program	Research: Population Surveys	Internal Field Assistance	

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Virginia spiraea (Spiraea virginiana)	2	10	Monitor clonal size and distribution in a disturbed and in a natural system	Partially Complete	Prior to FY 1995		Other Federal Agencies, USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W. Virginia - the Natural Heritage Program	Research: Habitat Requirements	Graduate Student	Plus 2 more years at \$2000 each

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Virginia spiraea (Spiraea virginiana)	3	11	Conduct long-term demographic studies	Ongoing Current	Prior to FY 1995		Other Federal Agencies, USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Private Organizations and research institutions such as the Center for Plant Conservation and Virginia Highlands Community College, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W. Virginia - the Natural Heritage Program	Research: Demographic Studies	Graduate Student	Plus 2 more years at \$5000 each

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Virginia spiraea (Spiraea virginiana)	3	12	Reintroduce the species within its historical range	Not Started			USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W. Virginia - the Natural Heritage Program	Management: Reintroduction	Internal Field Assistance	

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Virginia spiraea (Spiraea virginiana)	3	13	Develop an information packet for landowners and land managers	Partially Complete	Prior to FY 1995		USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W. Virginia - the Natural Heritage Program	Other: Information and Education	Contract	

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Virginia spiraea (Spiraea virginiana)	3	14	Evaluate the effectiveness of protection and management programs	Ongoing Current	Prior to FY 1995		USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W. Virginia - the Natural Heritage Program	Work type not yet selected	Labor type not yet selected	Plus 2 more years at \$1000 each

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Virginia spiraea (Spiraea virginiana)	1	2	Seek support of private and public landowners	Ongoing Current	Prior to FY 1995		The Nature Conservancy, USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W. Virginia - the Natural Heritage Program	Work type not yet selected	Labor type not yet selected	

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Virginia spiraea (Spiraea virginiana)	1	3	Enforce laws protecting the species and/or its habitat	Ongoing Current	Prior to FY 1995		USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W, Virginia - the Natural Heritage Program	Work type not yet selected	Labor type not yet selected	
Virginia spiraea (Spiraea virginiana)	1	4	Distinguish between N and n individuals	Ongoing Current	FY 2007		USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Private Organizations and research institutions such as the Center for Plant Conservation and Virginia Highlands Community College	Work type not yet selected	Labor type not yet selected	

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Virginia spiraea (Spiraea virginiana)	2	5	Secure permanent protection for all known populations	Ongoing Current	Prior to FY 1995		The Nature Conservancy, USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W. Virginia - the Natural Heritage Program	Work type not yet selected	Labor type not yet selected	Conservation easements estimated at total of \$55200

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Virginia spiraea (Spiraea virginiana)	2	6	Conduct rangewide searches for additional populations	Ongoing Current	Prior to FY 1995		Other Federal Agencies, USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W. Virginia - the Natural Heritage Program	Research: Population Surveys	Internal Field Assistance	

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Virginia spiraea (Spiraea virginiana)	2	7	Conduct site-specific manipulation to maintain existing populations	Ongoing Current	Prior to FY 1995		Other Federal Agencies, USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W. Virginia - the Natural Heritage Program	Management: Habitat Maintenance and Manipulation	Internal Field Assistance	

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Virginia spiraea (Spiraea virginiana)	2	8	Maintain representative material from each known genotype in permanent cultivation	Ongoing Current	Prior to FY 1995		USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Private Organizations and research institutions such as the Center for Plant Conservation and Virginia Highlands Community College, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W, Virginia - the Natural Heritage Program	Management: Propagation	Contract	Cost undetermined

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Virginia spiraea (Spiraea virginiana)	2	9	Establish baseline environmental determinants	Not Started			USFWS Regional Office 4 - Atlanta, USFWS Regional Office 5, Private Organizations and research institutions such as the Center for Plant Conservation and Virginia Highlands Community College, State Conservation agencies of participating states: Alabama - the Natural Heritage Program, Georgia - the Natural Heritage Inventory, Kentucky - the Natural Heritage Program, N. Carolina - the Plant Conservation Program, the Natural Heritage Program, Ohio - Dept of Natural Resources, Pennsylvania - Western Pennsylvania Conservancy, Tennessee - Dept of Conservation, Virginia - the Natural Heritage Program, W. Virginia - the Natural Heritage Program	Research: Habitat Requirements	Graduate Student	